802.1AC by D0.0 Overview

Bob Grow
RMG Consulting, MOST Cooperation
November 2012
Draft 0.0 overview

• MOST related
  – Add normative reference to MOST Specification
  – Add MOST to acronym list
  – Add new subclause 12.1.5

• Services to humanity
  – Move 802 MAC references from Bibliography to Normative references
  – Update 802.3-2008 to 802.3-2012 (there are no specific reference changes)
  – Replace 802.1Q, 6.6 reference with 802.1AC, clause 11.x references
Service to humanity impact

• Volume of draft content
  – 4 pages include MOST content
  – 9 pages exclusively for normative reference and 802.1Q updates
  – 19 pages of front matter

• Risk of including services to humanity? Once you do any, you are on a slippery slope...
  – Other Bibliography to Normative reference update (e.g., 802.1AX, 5 instances)?
  – Update 802.17-2004 to 802.17-2011 (there are no specific reference changes, all instances of -2004 are already in draft)?
  – What else might someone come up with?
  – The risk is of doing these can be managed
Subclause 12.1.5

• This is the meat of the draft
  – Based on 12.1.1 (802.3 MAC type)
  – Mostly a direct mapping of service parameter items to MOST Packet Data channel fields – fields use same description as 802.3

• FCS preservation is not possible between MOST and 802.3 (nor is it between other dissimilar MAC types)
  – FCS text has been reviewed by MOST experts

• Now need more people reviewing the draft